

CLAIMS

5 1. Method for rapid dialling in a telecommunication system that requires an indication of a B-number termination to establish a connection, which system is communicating with a telephone set (POTS) without ability to indicate such termination, which method comprises the following steps:

10 - a B-number is dialed using said telephone set (POTS); which method is characterized in that:

15 - a B-value (719) composed of the so far dialed digits is compared with a list (MRD) of records (11,719,001877,08) stored in a database (DB) in the system;

20 - conformity is found between the composed B-value (719) and a record (719) in said list (MRD), which found record points to a numeral (7) representing the total number of digits in the complete B-number;

25 2. Method for rapid dialling in a telecommunication system according to claim 1, which method comprises the following further steps:

30 - a B-value (08) composed of the so far dialed digits is compared with a list (MRD) of records (11,719,001877,08) stored in a database (DB) in the system;

 - conformity is found between the composed B-value (08) and a record (08) in the list, which found

record points to a prefix (PX) that indicates that the so far dialed digits are to be ignored;

5 3. Method for rapid dialling in a telecommunication system according to claim 1 or 2 whereby the telephone set (POTS) is connected to a Home Base Station (HBS) connected to a network (GSM) via a Home Base Station Controller (HBSC), whereby the database (DB) is connected to the Home Base Station Controller (HBSC),
10 which method comprises the following further steps:

- the composed B-value is stored in the Home Base Station Controller (HBSC);
- a connection is established when a number of digits corresponding to said numeral (7) has been dialed.

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20 4. Method for rapid dialling in a telecommunication system according to claim 1 or 2 whereby the telephone set (POTS) is connected to a Home Base Station (HBS) connected to a network (GSM) via a Home Base Station Controller (HBSC), whereby the database (DB) is connected to the Home Base Station (HBS), which method comprises the following further steps:

- the composed B-value is stored in the Home Base Station (HBS);
- each dialled digit is transferred from the Home Base Station (HBS) to the Home Base Station Controller (HBSC) when a number of digits corresponding to said numeral (7) has been dialed;

5. Method for rapid dialling in a telecommunication system according to claim 4 which method comprises the following further steps:

5 - an emulated "CALL" signal is transferred from the Home Base Station (HBS) to the Home Base Station Controller (HBSC) ;

 - a connection is established when the emulated "CALL" signal has been received.

10 6. Method for rapid dialling in a telecommunication system according to claim 4 which method comprises the following further steps:

 - a timer in the Home Base Station Controller (HBSC) resets/starts each time a digit is received;

15 - a connection is established after the lapse of a predefined time of the timer.

20 7. Arrangement for rapid dialling in a telecommunication system that requires an indication of a B-number termination to establish a connection, which system is communicating with a telephone set (POTS) without ability to indicate such termination, which arrangement is characterised by:

25 - means for composing a B-value (719) of the so far dialed digits;

 - means for comparing the composed B-value with a list (MRD) of records (11,719,001877,08) stored in a database (DB) in the system;

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- means for finding conformity between the composed B-value (719) and a record (719) in said list (MRD), which found record points to a numeral (7) representing the total number of digits in the complete B-number;

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8. Arrangement for rapid dialling in a telecommunication system according to claim 1, which arrangement comprises:

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- means to neglect so far dialed digits.

9. Arrangement for rapid dialling in a telecommunication system according to claim 7 or 8 whereby the telephone set (POTS) is connected to a Home Base Station (HBS) connected to a network (GSM) via a Home Base Station Controller (HBSC), whereby the database (DB) is connected to the Home Base Station Controller (HBSC), which arrangement further comprises:

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- means to store the composed B-value in the Home Base Station Controller (HBSC);
- means to establish a connection when a number of digits corresponding to said numeral (7) has been dialed.

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10. Arrangement for rapid dialling in a telecommunication system according to claim 7 or 8 whereby the telephone set (POTS) is connected to a Home Base Station (HBS) connected to a network (GSM) via a Home Base Station Controller (HBSC), whereby the database (DB) is connected to the Home Base Station (HBS), which arrangement further comprises:

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- means to store the composed B-value in the Home Base Station (HBS) ;
- means to transfer each dialled digit from the Home Base Station (HBS) to the Home Base Station Controller (HBSC) .

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11. Arrangement for rapid dialling in a telecommunication system according to claim 10 which method further comprises:

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- means to transfer an emulated "CALL" signal from the Home Base Station (HBS) to the Home Base Station Controller (HBSC) ;
- means to establish a connection when the emulated "CALL" signal has been received.

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12. Arrangement for rapid dialling in a telecommunication system according to claim 10 which arrangement further comprises a timer in the Home Base Station Controller (HBSC) and means to establish a connection after the lapse of a predefined time of the timer.

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